

CLAIMS

1. A device for delivering a supply of gases to a user comprising:
a patient interface, in use in fluid communication with said supply of gases
and supplying said gases to said user,
5 at least one outlet member integrated with or attached to said patient interface,
wherein the boundary between said outlet member and said interface forms at least
one narrow outlet vent that in use passes a substantial portion of the expired gases of
said user.
2. A device for delivering a supply of gases to a user according to claim 1
10 wherein said outlet vent comprises a slot formed in said interface and a cover
extending over said slot and attached to said interface, such that the separation
between said interface and said cover increases to the edge of said cover in order to
diffuse said exhaled gases.
3. A device for delivering a supply of gases to a user according to claims 1 or 2
15 wherein said outlet member is removable.
4. A device for delivering a supply of gases to a user according to claim s 1 to 3
wherein said at least one outlet vent is a substantially long tapered slot.
5. A device for delivering a supply of gases to a user according to any one of
claims 1 to 3 wherein said at least one outlet vent is a substantially circular hole.
- 20 6. A device for delivering a supply of gases to a user according to any of claims
1 to 5 wherein said at least one outlet vent extends between the top and bottom of said
patient interface.
7. A device for delivering a supply of gases to a user according to any of claims
1 to 6 wherein said patient interface is a mask.
- 25 8. A device for delivering a supply of gases to a user according to any of claims
1 to 6 wherein said patient interface is a nasal mask.
9. A device for delivering a supply of gases to a user according to any of claims
1 to 6 wherein said patient interface is a full face mask.
10. A CPAP system for delivering gases to a user including a pressurised source
30 of gases, transport means in fluid communication with said pressurised source adapted
to convey said gases, and a patient interface in fluid communication with said
transport means in use delivering said gases to said user,
said patient interface including:

- 11 -

at least one removable outlet member integrated with or attached to said patient interface,

wherein the boundary between said outlet member and said interface forms at least one long narrow tapered slot that in use passes a substantial portion of the expired gases of said user.

11. A CPAP system for delivering gases to a user according to claim 11 wherein said outlet member is removable.

12. A removable outlet member for a gases delivery patient interface, said patient interface including at least one said outlet member, the boundary between said outlet member and said interface forms at least one narrow outlet vent that in use passes a substantial portion of expired gases from a user.

13. A device for delivering a supply of gases to a user comprising:
a patient interface, in use in fluid communication with said supply of gases and supply said gases to said user, said patient interface including a hollow body and a cushion where said cushion extends below said user's chin.

14. A device for delivering a supply of gases to a user as herein described with references to the accompanying drawings.

15. A CPAP system for delivery of gases to a user as herein described with reference to the accompanying drawings.